



VSDB Piece of the Pi

February 25, 2010

Dear Educator (s):

VSDB is calling all **deaf and hard-of-hearing students ages middle – high school and their teachers** to join our first math competition “Piece of the Pi” to be held on Thursday, February 25, 2010. You and your student (s) will experience a mathletic team and individual competition that increases achievement and confidence while at the same time promoting math as fun and engaging. Students will also have the opportunity to make friends from other schools around the state of Virginia.

Piece of the Pi General Rules:

- All students must provide their own calculator.
 - o Middle School Bracket: Scientific OR graphing calculators will be accepted
 - o High School Bracket: Graphing calculators (TI-83 or similar) required
- Teams will consist of 4 students. Schools may bring their own teams, or if there are not enough students from one school, teams will be made after registration forms are turned in and will be announced upon arrival at VSDB.
- The high school and middle school brackets will have the same format but will be separated by location and content.
 - o Middle school bracket content will include questions related to the 6th, 7th, and 8th grade VA Standards of Learning.
 - o High school bracket content will include questions related to Algebra 1 and Geometry VA Standards of Learning.
- At the end of the day there will be an awards ceremony where all students come together for awards.
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Registration will be from 8:00-8:50 a.m. on Thursday, February 25th, in the **lobby of Healy Hall**. There is a registration fee of \$10 per student to cover the costs of snacks and prizes which must be included with registration. **NEW INFO:** Lunch and breakfast will be provided by VSDB.

NEW INFO: Our campus is under major construction but we have limited number of beds available on campus. If you need overnight accommodations please contact us as soon as possible. If you prefer there is a local hotel in the area that set up a special room rate of \$52.99 which includes a continental breakfast.

Sleep Inn

Phone: 540-887-6500

Best Western Phone: 540-885-1112

SOCIAL: Depending on the number of students arriving **Wednesday evening** VSDB will be hosting a social event. More details will be forthcoming.

Please complete the **registration form** and mail with the \$10 fee to:

VSDB

c/o Tanya Faidley

PO Box 2069

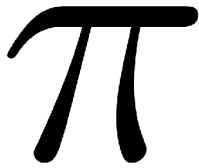
Staunton VA 24402

If you have questions, please contact VSDB at 540-332-9021. Registration deadline: **January 8, 2010.**

Sincerely,

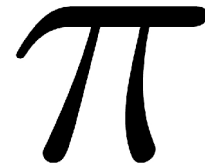
Tanya Faidley

Program Coordinator



Piece of the Pi Competition Registration

Middle School – High School Students
Virginia School for the Deaf and the Blind – Staunton



Thursday, February 25, 2010

Student's Full Name: _____

Date of Birth: _____ Age: _____ Male: _____ Female: _____

School Name: _____ Teacher: _____

School Address: _____

City: _____ State: _____ Zip: _____

Teacher Telephone No: (Home) _____ Teacher (Work) _____ Teacher (Emergency) _____

Teacher's Email address: _____

Please list the name of the staff accompanying and supervising the student(s) while on campus: _____

Student's Grade Placement for 2009-2010 _____ Math courses completed: _____

Disability (ies) (List all): _____

Mode of Communication (Oral, ASL, Cued Speech, etc.): _____

Approximate Reading Level: _____

Does the student have any food allergies? _____

VSDB room on campus needed: _____ students will need overnight arrangements.
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Please mail registration and \$10 check (payable to VSDB Math Piece of the Pi) to:

VSDB
c/o Tanya Faidley
PO Box 2069
Staunton VA 24402

VSDB Piece of the Pi Competition Rules

General Rules:

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Individual competition

- Calculator permitted
- The top scorer will get an award
- The top 8 scores from each bracket will be entered in a head-to-head tournament

One point will be awarded for each correct answer. Incorrect answers will lose $\frac{1}{4}$ point.

Team competition

1st round - no calculator

- Questions will be timed.
- Teams can discuss solutions.
- When time is up, papers will be collected

2nd round - with calculator

- Questions will be timed
- Teams can discuss solutions
- When time is up, papers will be collected

3rd round-more "problem solving" type questions that require more steps

- Teams will receive a paper with 5 questions to work through in 20 minutes.
- Teams may discuss their solutions or divide the problems any way they choose.
- When time is up, one paper from each team will be collected.

One point will be awarded for each correct answer in rounds 1 and 2.

Two points will be awarded for each correct answer in round 3.

There is no penalty for incorrect answers.

The team points from each round will be totaled and the teams with the 3 highest scores in each bracket will get an award. In case of a tie, there will be a sudden death tie-breaker round for the teams that are tied.

Individual tournament

- The top 8 scorers from the individual competition in each bracket will compete, head-to-head tournament style.
- It will be a best 2 out of 3 to advance to the next round, single elimination tournament.
- No calculators will be allowed for these questions.
- There will be a time limit on each question.

The top three students in the tournament in each bracket will get an award.

Project: Design a math t-shirt

- Each school is encouraged to show their spirit with a math-themed t-shirt. T-shirts can be as creative as you would like.
- Professionally designed t-shirts **will not** count. Be creative and make your own!
- Inexpensive ideas for designing from plain t-shirts include puffy paint, permanent marker, iron-on transfers, adding elastic or layers from other shirts.

The best t-shirt design from each bracket will get an award.